Interagency Vegetation MOU Group
Map Unit Design Attributes
3/3/2003 version

	1:7,500,000 to 1:250,000	1:250,000 to 1:24,000	1:24,000 to 1:6,000
Range of mapping scales	10 to 1000 sq miles (6,400 to 64,000 acres)	1000 to 10,000 acres	< 1000 acres
Typical polygon size			
MMU	50-250 acres	5-10 acres	1-5 acre
Attribute	**Broad-scale**	**Medium-Scale**	**Fine-Scale**

A. Core Attributes at All Scales

Attribute	Broad-scale	Medium-Scale	Fine-Scale
Life Form (Cover Type)	core	core	core
Ecological Unit	core	core	core
MCV Hierarchy (derived from other fields) - this consists of multiple fields, one for each hierarchical level	core	core	core
CalVeg Hierarchy (derived from other fields) - this consists of multiple fields, one for each hierarchical level	core	core	core
Land Use - Anderson Level 1	core	core	core
Birdseye Total Cover (max value 100%)	core	core	core
% of **Birdseye Total Cover by <u>trees</u>** (canopy closure - sum of conifers and hardwoods % cover)	core	core	core
% of **Birdseye Total Cover by <u>conifers</u>**	core	core	core
% of **Birdseye Total Cover covered by <u>hardwoods</u>** (and not covered by overstory trees)	core	core	core
% of **Birdseye Total Cover covered by <u>shrubs</u>** (and not covered by trees)	core	core	core
% of **Birdseye Total Cover covered by <u>herbaceous</u>** (and not covered by trees or shrubs)	core	core	core
Map Unit Aggregation Type (changed name from Internal Diversity)	core	core	core
Attribution Method (field-based, modeled, etc)	core	core	core
Cause and Date of Record Change (fire, error correction, etc.)	core	core	core

B. Core Attributes at Some Scales

Attribute	Broad-scale	Medium-Scale	Fine-Scale
Dominant Species (visible from above, usually 1 to 3 species) by Layer	n/a	Core - *to species for trees, to genus level for other lifeforms*	Core - *to species level*
Size Class (DBH)	n/a	core	core
Height class and/or Vertical Structure	Optional - *see lifeform*	Optional - *use structural classes for trees (1, 2, or multiple layer)*	Core
WHR Type (derived from other fields) - this consists of multiple fields, one for each hierarchical level	optional	core	core

C. Optional Attributes

Attribute	Broad-scale	Medium-Scale	Fine-Scale
Shrub Structural Diversity (includes Live/Dead Fuel Ratio)	optional	optional	optional
Disturbance Index (roads, exotics, erosion, other impacts)	Optional - *derived from other data - coarse (low) level of detail*	Optional - *derived from other data or remotely sensed- medium level of detail*	Optional - *observed or derived from other data - high level of detail*
Land Use - Anderson Level 2	optional	optional	optional
Groundlevel <u>Total Vegetation</u> Cover (max value 400% - a sum of all cover values from up to four different structural layers)	optional	optional	optional
Groundlevel Total <u>Conifer</u> Cover (max value 100%)	optional	optional	optional
Groundlevel Total <u>Hardwood</u> Cover (max value 100% - all hardwood cover, whether covered by overstory trees or not)	optional	optional	optional
Groundlevel Total <u>Shrub</u> Cover (max value 100% - all shrub cover, whether covered by trees or not)	optional	optional	optional
Groundlevel Total <u>Herbaceous</u> Cover (max value 100% - all herbaceous cover, whether covered by trees/shrubs or not)	optional	optional	optional
Percent Mortality	Optional - *coarse level*	Optional - *by type of tree*	optional
Special Habitat Elements (related to vegetation only - snags, downed logs, etc; not caves, cliffs, etc.) - Observed	n/a	n/a	optional
Age Class (difficult to capture using remote sensing)	n/a	optional	optional